

REMARKS

Claims in the case are 1-18. Claims 4, 6-13 and 15-18 have been amended herein. Claims 4, 6-13 and 15-18 of the above-identified patent application have been amended as to form, for example, by introducing indentation and replacing multiple dependencies with single dependencies.

The specification has been amended to include section headings, in accordance with accepted practice before the Office. The title has been changed to correspond to that of the related International Patent Publication No. WO 00/58395. Page 1 of the application has been amended herein to introduce cross reference information. The cross reference information is presented in accordance with 37 C.F.R. 1.78(a)(2) (Federal Register / Vol. 65, No. 183 / Wednesday, September 20, 2000; Changes to Implement Eighteen-Month Publication of Patent Applications; Final Rule).

The amendments presented herein are not believed to represent the entry of new matter into the application. Applicants respectfully request entry of this preliminary amendment.

Respectfully submitted,

By James R. Franks
James R. Franks
Agent for Applicants
Reg. No. 42,552

Bayer Corporation
100 Bayer Road
Pittsburgh, Pennsylvania 15205-9741
(412) 777-8339
FACSIMILE PHONE NUMBER:
(412) 777-8363
/vjt/JRF0085

VERSIONS WITH MARKINGS TO SHOW CHANGES MADE

IN THE ABSTRACT: (Marked-Up)

The abstract has been replaced with the following.

**FLAME-RESISTANT POLYCARBONATE MOLDING MATERIALS MODIFIED WITH
GRAFT POLYMERS**

ABSTRACT OF THE DISCLOSURE

Flame resistant graft polymer-modified polycarbonate molding compositions are described. The polycarbonate molding compositions comprise phosphorous compounds, and a coagulated mixture of fluorinated polyolefins or precompound fluorinated polyolefins. Polycarbonate molding compositions according the present invention are flame retardant, and have desirable mechanical properties, e.g., notched impact strength and elongation at break.

IN THE SPECIFICATION: (Marked-Up)

The following are changes and additions made to the specification.

The following is a version of the title of the application on line 1 of page 1, showing changes made thereto herein.

[Flame resistant, graft polymer-modified polycarbonate moulding compositions]
**FLAME-RESISTANT POLYCARBONATE MOLDING MATERIALS MODIFIED WITH
GRAFT POLYMERS**

The following has been inserted between lines 1 and 3 on page 1 of the specification.

CROSS REFERENCE TO RELATED PATENT APPLICATIONS

The present patent application claims the right of priority under 35 U.S.C. 119 (a)-(d) and 35 U.S.C. 365 of International Application No. PCT/EP00/02242, filed 14 March 2000, which was published in German as International Patent Publication No. WO 00/58395 on 5 October 2000, which is entitled to the right of priority of German Patent Application No. 199 14 137.1, filed 27 March 1999.

FIELD OF THE INVENTION

The following has been inserted at line 8 on page 1 of the specification.

BACKGROUND OF THE INVENTION

The following has been inserted at line 28 on page 2 of the specification.

SUMMARY OF THE INVENTION

The following has been inserted at line 7 on page 4 of the specification.

DETAILED DESCRIPTION OF THE INVENTION

IN THE CLAIMS: (Marked-Up)

The following are versions of the amended claims with markings to show changes made thereto in the present Preliminary Amendment.

4. (Once Amended, Marked-Up) Moulding compositions according to [claims 1 to 3,] Claim 1 containing 0.01 to 3 parts by weight of fluorinated polyolefin in the form of a coagulated mixture or as a precompound.

6. (Once Amended, Marked-Up) Moulding compositions according to [c]Claim 1, containing:

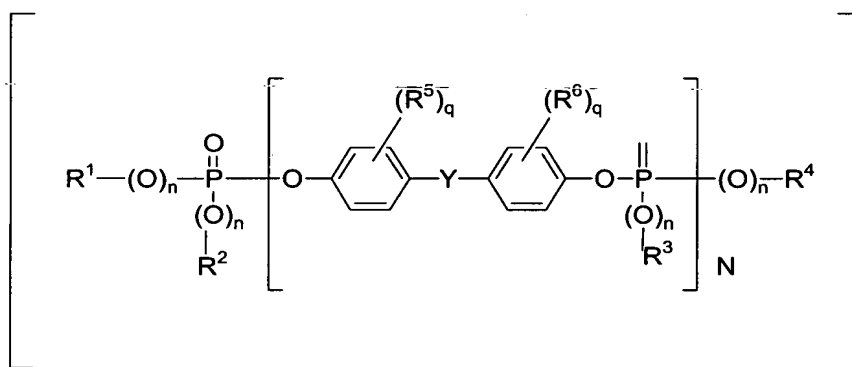
A) 40 to 99 parts by weight of aromatic polycarbonate and/or polyester carbonate;

B) 0.5 to 60 parts by weight of graft polymer [of] prepared from,

B.1) 5 to 95 wt.% of one or more vinyl monomers, [on] and

B.2) 95 to 5 wt.% of one or more grafting backbones having a glass transition temperature of <10°C[.];

- C) 0 to 45 parts by weight of at least one thermoplastic polymer selected from [the group comprising] vinyl (co)polymers and polyalkylene terephthalates[,];
- D) 0.5 to 20 parts by weight of [a] said phosphorus compound [of the] represented by formula (I); and



[in which R¹ to R⁶, Y, n, N and q have the meaning stated in claim 1,]

- E) 0.01 to 3 parts by weight of said fluorinated polyolefins [according to claim 1] in the form of said coagulated mixture or as said precompound.

7. (Once Amended, Marked-Up) Moulding compositions according to [one of the preceding claims,] Claim 1 wherein N in the formula (I) denotes an average value of 0.95 to 5.

8. (Once Amended, Marked-Up) Moulding compositions according to [one of the preceding claims,] Claim 1 wherein N in the formula (I) denotes an average value of 1 to 3.

9. (Once Amended, Marked-Up) Moulding compositions according to [one of the preceding claims,] Claim 6 containing fluorinated polyolefin or polyolefin mixture

- 1) as a coagulated mixture with at least one of components A to C, wherein the fluorinated polyolefin E or polyolefin mixture is mixed as an emulsion with at least one emulsion of components A to C and then coagulated,

or

- 2) as a precompound with at least one of components A to C, wherein the ~~fluorinated polyolefins E are mixed as a powder with a powder or pellets of at least one of components A to C and melt-compounded.~~

10. (Once Amended, Marked-Up) Moulding compositions according to [one of the preceding claims] Claim 1 containing one or more graft polymers [of] prepared from,

B.1 5 to 95 wt.% of at least one vinyl monomer₁ [on] and

B.2 95 to 5 wt.% of one or more grafting backbones having glass transition temperatures of < 10°C.

11. (Once Amended, Marked-Up) Moulding compositions according to [c]Claim 10, containing as the vinyl monomers B.1 mixtures of₁

B.1.1 50 to 99 parts by weight of at least one of vinyl aromatics₁ [and/or] ring-substituted vinyl aromatics₁ and[/or] (meth)acrylic acid (C₁-C₈)-alkyl esters₁ and

B.1.2 1 to 50 parts by weight of at least one of vinyl cyanides₁ [and/or] (meth)acrylic acid (C₁-C₈)-alkyl esters₁ and[/or] derivatives of

unsaturated carboxylic acids.

12. (Once Amended, Marked-Up) Moulding compositions according to [one of the preceding claims,] Claim 6 containing a diene rubber, acrylate rubber, silicone rubber or ethylene/propylene/diene rubber or mixtures thereof as the grafting backbone B.2.

13. (Once Amended, Marked-Up) Moulding compositions according to [one of the preceding claims,] Claim 1 wherein Y in the formula (I) denotes isopropylidene or methylene.

15. (Once Amended, Marked-Up) Moulding compositions according to [one of the preceding claims,] Claim 1 further containing vinyl (co)polymers of at least one monomer selected from [the group comprising] vinyl aromatics, vinyl cyanides, (meth)acrylic acid (C₁-C₈)-alkyl esters, unsaturated carboxylic acids, [as well as] and derivatives [(such as anhydrides and imides)] of unsaturated carboxylic acids.

16. (Once Amended, Marked-Up) Moulding compositions according to [one of the preceding claims,] Claim 1 further containing at least one [addition] additive selected from [the group comprising] stabilisers, pigments, mould release agents, flow auxiliaries, [and/or] antistatic agents, fillers and reinforcing materials.

17. (Once Amended, Marked-Up) A method of using [Use of] the moulding compositions according to [one of the preceding claims] Claim 1 for the production of mouldings.

18. (Once Amended, Marked-Up) Mouldings [obtainable] prepared from moulding compositions according to [one of the preceding claims] Claim 1.

09/937469

Le A 33,592

-37- JC03 Rec'd PCT/PTO 25 SEP 2001

FLAME-RESISTANT POLYCARBONATE MOLDING MATERIALS
MODIFIED WITH GRAFT POLYMERS

ABSTRACT OF THE DISCLOSURE

Flame resistant graft polymer-modified polycarbonate molding compositions are described. The polycarbonate molding compositions comprise phosphorous compounds, and a coagulated mixture of fluorinated polyolefins or precompound fluorinated polyolefins. Polycarbonate molding compositions according the present invention are flame retardant, and have desirable mechanical properties, e.g., notched impact strength and elongation at break.

09/937469-0001